



DAYANANDA SAGAR UNIVERSITY

Bengaluru, Karnataka State, INDIA

TRANSCRIPT

Name: KISHAN REDDY J

University Seat No.: ENG19AS0014

Year of Entry: JULY 2019

Year of Leaving: JUNE 2023

Programme: Bachelor of Technology (B.Tech)

Specialization: Aerospace Engineering

Duration of the Course: 4 Years

I SEMESTER

COURSES	CE	GL	GP	CP	EXAM
1. ENGINEERING MATHEMATICS - I	4	B+	07	28	Jan'20
2. ENGINEERING CHEMISTRY	4	A+	09	36	Jan'20
3. COMPUTER PROGRAMMING AND PROBLEM SOLVING	3	A	08	24	Jan'20
4. BASIC ELECTRONICS	4	B+	07	28	Jan'20
5. ENGINEERING CHEMISTRY - PRACTICALS	1.5	A	08	12	Jan'20
6. COMPUTER PROGRAMMING AND PROBLEM SOLVING - PRACTICALS	2	A+	09	18	Jan'20
7. WORKSHOP PRACTICE - PRACTICALS	2.5	A+	09	22	Jan'20
8. CONSTITUTION OF INDIA AND PROFESSIONAL ETHICS*	0	P	00	0	Jan'20
9. KANNADA KALI - II*	0	P	00	0	Jan'20

Total Credits Registered: 21 SGPA: 8.02 CGPA: **

III SEMESTER

COURSES	CE	GL	GP	CP	EXAM
1. ENGINEERING MATHEMATICS - III	4	B+	07	28	Jan'21
2. INTRODUCTION TO AEROSPACE ENGINEERING	3	A	08	24	Jan'21
3. THERMODYNAMICS	3	A+	09	27	Jan'21
4. FLUID MECHANICS	3	O	10	30	Jan'21
5. MECHANICS OF SOLIDS	3	O	10	30	Jan'21
6. AEROSPACE MATERIALS	3	A+	09	27	Jan'21
7. COMPOSITES - PRACTICALS	1	O	10	10	Jan'21
8. FLUID MECHANICS - PRACTICALS	1	O	10	10	Jan'21
9. MINI PROJECT - I	1	O	10	10	Jan'21

Total Credits Registered: 22 SGPA: 8.91 CGPA: 8.41

V SEMESTER

COURSES	CE	GL	GP	CP	EXAM
1. AERODYNAMICS-II	3	A	08	24	Jan'22
2. INTRODUCTION TO SPACE TECHNOLOGY	3	A	08	24	Jan'22
3. AIRCRAFT PERFORMANCE	3	B+	07	21	Jan'22
4. PRINCIPAL OF MANAGEMENT AND ECONOMICS FOR ENGINEERS	3	A+	09	27	Jan'22
5. FINITE ELEMENTAL METHODS	3	A	08	24	Jan'22
6. MACHINE LEARNING WITH PYTHON	3	B+	07	21	Jan'22
7. AEROSPACE PROPULSION - PRACTICALS	1	O	10	10	Jan'22
8. FLIGHT PHYSICS - PRACTICALS	1	B+	07	7	Jan'22
9. MINI PROJECT - III	1	O	10	10	Jan'22

Total Credits Registered: 21 SGPA: 8.00 CGPA: 8.41

VII SEMESTER

COURSES	CE	GL	GP	CP	EXAM
1. AVIONICS	3	O	10	30	Feb'23
2. AIRCRAFT DESIGN	3	A+	09	27	Feb'23
3. UNMANNED AIRCRAFT SYSTEMS AND E-MOBILITY	3	A+	09	27	Feb'23
4. NPTEL COURSE	3	A+	09	27	Feb'23
5. SMALL BUSINESS LAUNCH	3	A+	09	27	Feb'23
6. LAW FOR ENGINEERS	3	O	10	30	Feb'23
7. AVIONICS - PRACTICALS	1	A+	09	9	Feb'23
8. MAJOR PROJECT STAGE - I	5	O	10	50	Feb'23

Total Credits Registered: 24 SGPA: 9.46 CGPA: 8.56

II SEMESTER

COURSES	CE	GL	GP	CP	EXAM
1. ENGINEERING MATHEMATICS - II	4	A	08	32	Jun'20
2. ENGINEERING PHYSICS	4	A	08	32	Jun'20
3. BASIC ELECTRICAL ENGINEERING	3	A	08	24	Jun'20
4. BIOLOGICAL SCIENCES	2	A+	09	18	Jun'20
5. TECHNICAL COMMUNICATION	3.5	A+	09	31	Jun'20
6. ENGINEERING GRAPHICS AND DESIGN - PRACTICALS	3	A	08	24	Jun'20
7. ENGINEERING PHYSICS - PRACTICALS	1.5	A	08	12	Jun'20
8. ENVIRONMENTAL SCIENCES*	0	P	00	0	Jun'20
9. DESIGN THINKING AND INNOVATION*	0	P	00	0	Jun'20

Total Credits Registered: 21 SGPA: 8.26 CGPA: 8.14

IV SEMESTER

COURSES	CE	GL	GP	CP	EXAM
1. AIRCRAFT PROPULSION	3	A	08	24	Jun'21
2. AERODYNAMICS - I	3	A	08	24	Jun'21
3. AEROSPACE STRUCTURAL MECHANICS	3	A+	09	27	Jun'21
4. MECHANISMS AND MACHINE THEORY	3	A+	09	27	Jun'21
5. MANUFACTURING PROCESSES	3	A+	09	27	Jun'21
6. PRODUCT DESIGN - I	3	A+	09	27	Jun'21
7. AEROSPACE STRUCTURES - PRACTICALS	1	A+	09	9	Jun'21
8. MANUFACTURING PROCESSES - PRACTICALS	1	O	10	10	Jun'21
9. MINI PROJECT - II	1	O	10	10	Jun'21

Total Credits Registered: 21 SGPA: 8.81 CGPA: 8.51

VI SEMESTER

COURSES	CE	GL	GP	CP	EXAM
1. CONTROL THEORY	3	A	08	24	Jun'22
2. AIRCRAFT SYSTEMS AND INSTRUMENTATION	3	A+	09	27	Jun'22
3. AIRCRAFT STABILITY AND CONTROL	3	B+	07	21	Jun'22
4. ORBITAL MECHANICS	3	B+	07	21	Jun'22
5. INTRODUCTION TO COMPUTATIONAL FLUID DYNAMICS	3	A+	09	27	Jun'22
6. ROBOTICS ENGINEERING	3	A	08	24	Jun'22
7. SIMULATION - PRACTICALS	1	A+	09	9	Jun'22
8. MODEL BASED SYSTEM ENGINEERING	1	O	10	20	Jun'22
9. MINI PROJECT - IV	1	O	10	10	Jun'22

Total Credits Registered: 21 SGPA: 8.32 CGPA: 8.39

VIII SEMESTER

COURSES	CE	GL	GP	CP	EXAM
1. NPTEL	3	B+	07	21	Jun'23
2. WEB TECHNOLOGIES	3	A	08	24	Jun'23
3. MAJOR PROJECT STAGE - II	9	O	10	90	Jun'23

Total Credits Registered: 15 SGPA: 9.00 CGPA: 8.60

--FIRST CLASS WITH DISTINCTION--

CONTROLLER OF EXAMINATIONS

1) **Medium of Instruction:** English

2) **Abbreviations:**

* Audit Course(s) / Non Credit Mandatory Course(s)

** The CGPA will be calculated from 2nd semester and onwards provided there is no backlog.

CE – Credits Earned

GL – Grade Letter

GP – Grade Points

CP – Credit Points

SGPA – Semester Grade Point Average

CGPA – Cumulative Grade Point Average

3) This Transcript reflects the complete record of academic performance of student in all the semesters.

4) The academic performance evaluation of a student is according to letter grading system based on CIA (Continuous Internal Assessment) and SEE (Semester End Examination)

Grade Points:

The academic achievement of a student is assessed on a 10 point scale as detailed below:

Level	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
Core (Marks) Range %	90 – 100	80 – 89	70 – 79	60 – 69	55 – 59	50 – 54	40 – 49	< 40
Grade Letter	O	A+	A	B+	B	C	P	F
Grade Points	10	09	08	07	06	05	04	00

5) The overall performance of a student is indicated by two indicators:

(i) SGPA for a Semester is computed as follows:

$$\text{SGPA} = \frac{[\sum (\text{Course Credits}) \times (\text{Grade Point/s})] \text{ for all the courses registered by the student, in that semester}}{\sum (\text{Course Credits}) \text{ for all the courses registered by the student, in that semester}}$$

(ii) CGPA is computed as follows:

$$\text{CGPA} = \frac{[\sum (\text{Course Credits}) \times (\text{Grade Point/s})] \text{ for all the courses registered by the student, until that semester}}{\sum (\text{Course Credits}) \text{ for all the courses registered by the student, until that semester}}$$

Note: The performance in Audit Course(s) / Non Credit Mandatory Course(s) are not considered for calculation of SGPA / CGPA.

6) **Class Equivalence of Grade Points**

CGPA	Class / Division
$\geq 5.0 - < 5.75$	Pass Class
$\geq 5.75 - < 6.75$	Second Class
$\geq 6.75 - < 7.75$	First Class
$\geq 7.75 - 10$	First Class with Distinction

7) **Formula for Conversion of CGPA to Percentage of Marks:** (CGPA Earned – 0.75) x 10

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